

**ABSTRACT**

A rotor for a combine harvester comprises a thresher portion to which a plurality of thresher elements are fitted for threshing the crop material and a driver portion for driving the threshed material rearwardly through the housing. Impeller blades are fitted to the front of the rotor for facilitating the entry of the crop material into the cylindrical housing. A plurality of pins are attached to the driver portion of the rotor to drive the threshed material rearwardly through the combine harvester and at the same time to separate the crop from the chaff.